

RAC01-GB extension



To expand upon the early success of the RAC01-GB series, new modules with 3.3 and 24V output are now available. The RAC01-GB series are low cost AC/DC power supplies, ideal for PCB mounted, compact, board level industrial applications. They feature universal AC input voltage range, regulated and short-circuit-proof isolated DC outputs, low standby power consumption and -25°C to +80°C operating temperature range. The RAC01-GB have a built-in class B / FCC Part 15 EMC filter, are certified to EN60950 and EN62368 safety standards and come with a three year warranty.

Unique selling proposition:	low cost AC/DC // 1W // EN55022 class B without additional external components // wide operating temperature range // fully protected outputs // EN55022 class A
Target customer:	Industrial electrical equipment // Factory automation equipment // commercial/office environments // smart office/building applications
Main features:	low cost // universal input voltages // EN55022 class B without additional external components
Web release date:	September 10th, 2018
Available from sample stock:	RAC01-3.3SGB; RAC01-24SGB;

RAC02-GA extension



To expand upon the early success of the RAC02-GA series, new modules with 3.3, 15 and 24V output are now available. The RAC02-GA series are low cost AC/DC power supplies, ideal for PCB mounted, compact, board level industrial applications. They feature universal AC input voltage range, regulated and short-circuit-proof isolated DC outputs, low standby power consumption and -25°C to +80°C operating temperature range. The RAC02-GA have a built-in Class A / FCC Part 15 EMC filter, are certified to EN60335, EN60950 and EN62368 safety standards and come with a three year warranty.

Unique selling proposition:	low cost AC/DC // 2W // wide operating temperature range // class II design with no FG // EN55022 Class A // fully protected outputs // EN60335-1 certified
Target customer:	house hold // building automation // Industrial electrical equipment // Factory automation equipment // smart house/building applications
Main features:	low cost AC/DC // 2W // wide operating temperature range // class II design with no FG // EN55022 class A/B // EN60335-1 and EN55014-1 EMC certified
Web release date:	September 10th, 2018
Available from sample stock:	RAC02-3.3SGA; RAC02-15SGA; RAC02-24SGA;

RAC02-GB extension



To expand upon the early success of the RAC02-GB series, new modules with 3.3, 15 and 24V output are now available. The RAC02-GB series are low cost AC/DC power supplies, ideal for PCB mounted, compact, board level industrial applications. They feature universal AC input voltage range, regulated and short-circuit-proof isolated DC outputs, low standby power consumption and -25°C to +80°C operating temperature range. The RAC02-GB have a built-in Class B / FCC Part 15 EMC filter, are certified to EN60950 and EN62368 safety standards and come with a three year warranty.

Unique selling proposition:	low cost AC/DC // 2W // EN55022 class B without additional external components // wide operating temperature range // fully protected outputs // EN55022 class B
Target customer:	Industrial electrical equipment // Factory automation equipment // commercial/office environments // smart office/building applications
Main features:	low cost // universal input voltages // EN55022 class B without additional external components
Web release date:	September 10th, 2018
Available from sample stock:	RAC02-3.3SGB; RAC02-15SGB; RAC02-24SGB;

REM15-W



The REM15-W series of medical grade regulated DC/DC converters features reinforced 5kVAC/1 minute isolation with low 2 μ A leakage (B, BF and CF compatible) and are 60601-1 3rd Ed. certified for 250VAC continuous working voltage isolation. The industry standard 1.6"x1" package offers tightly regulated single and dual outputs, with low output ripple and zero-load operation. The outputs are also short circuit and overload protected. The converters are certified to CB, IEC/EN and ANSI/AAMI standards and carry the UL mark.

Unique selling proposition:	Reinforced insulation for 250VAC working voltage // Clearance and creepage distance >8.0mm//5kVAC I/P to O/P 2MOPP isolation // 2 μ A patient leakage current // UL and CSA 3rd Ed. medical certified
Target customer:	Medical applications // high end industrial (also UL 60950/UL62368 certified)
Main features:	1.6"x1" case // Industry standard pinout // 4:1 wide input range // high efficiency from 10% load // Trimmable outputs // tight regulation (0.2%) // OVP, OCP, OTP, UVLO // -40°C to +90° operation without derating or fan cooling.
Web release date:	October 29th, 2018
Available from sample stock:	REM15-2405SW; REM15-2412SW

REM20-W



The REM20-W series of medical grade regulated DC/DC converters features reinforced 5kVAC/1 minute isolation with low 2 μ A leakage (B, BF and CF compatible) and are 60601-1 3rd Ed. certified for 250VAC continuous working voltage isolation. The industry standard 1.6"x1" package offers tightly regulated single and dual outputs, with low output ripple and zero-load operation. The outputs are also short circuit and overload protected. The converters are certified to CB, IEC/EN and ANSI/AAMI standards and carry the UL mark.

Unique selling proposition:	Reinforced insulation for 250VAC working voltage // Clearance and creepage distance >8.0mm//5kVAC I/P to O/P 2MOPP isolation // 2 μ A patient leakage current // UL and CSA 3rd Ed. medical certified
Target customer:	Medical applications // high end industrial (also UL 60950/UL62368 certified)
Main features:	1.6"x1" case // Industry standard pinout // 4:1 wide input range // high efficiency from 10% load // Trimmable outputs // tight regulation (0.2%) // OVP, OCP, OTP, UVLO // -40°C to +85° operation without derating or fan cooling.
Web release date:	October 29th, 2018
Available from sample stock:	REM20-2405SW; REM20-2412SW;

REM30-W



The REM30-W series of medical grade regulated DC/DC converters features reinforced 5kVAC/1 minute isolation with low 2 μ A leakage (B, BF and CF compatible) and are 60601-1 3rd Ed. certified for 250VAC continuous working voltage isolation. The industry standard 2"x1" package offers tightly regulated single and dual outputs, with low output ripple and zero-load operation. The outputs are also short circuit and overload protected. The converters are certified to CB, IEC/EN and ANSI/AAMI standards and carry the UL mark.

Unique selling proposition:	Reinforced insulation for 250VAC working voltage // Clearance and creepage distance >8.0mm // 5kVAC I/P to O/P 2MOPP isolation // 2 μ A patient leakage current // UL and CSA 3rd Ed. medical
Target customer:	Medical applications // high end industrial (also UL 60950/UL62368 certified)
Main features:	2"x1" case // Industry standard pinout // 4:1 wide input range // high efficiency from 10% load // Trimmable outputs // tight regulation (0.2%)//OVP, OCP, OTP, UVLO // -40°C to +80° operation without derating or fan cooling.
Web release date:	October 29th, 2018
Available from sample stock:	REM30-2405SW; REM30-2412SW;

REC15E-Z


The REC15E-Z series are 4:1 wide input voltage range 15W power DC/DC converters in a 1"x1" case. Despite their low cost, the converters are fully specified devices with output currents up to 4 Amps, no minimum load, 1.6kVDC isolation, high efficiency and low ripple/noise figures. The inputs are protected against transients of up to 100V and feature UVLO to allow the primary supply to start up safely. The single or dual outputs are continuously protected against short circuits and overload and can drive high capacitive loads. The REC15E-Z series will find many uses in cost sensitive applications where board space is at a premium.

Unique selling proposition:	4:1 wide input voltage range // Compact size 1"x1" package // Efficiency up to 90% // Wide operating temperature from -40°C to +75°C without derating or fan cooling // Continuous short circuit protection
Target customer:	Industrial controls // price sensitive designs // high start-up current or high capacitive load applications
Main features:	1"x1" case // Industry standard pinout // 4:1 wide input range // high efficiency from 20% load // Trimmable outputs // 190% output current capability // capacitive loads up to 12000µF // tight regulation (0.2%) // OVP, OCP, UVLO // -40°C to +75° operation without derating or fan cooling.
Web release date:	January 7th, 2019
Available from sample stock:	REC15E-2405SZ; REC15E-2412SZ; REC15E-2415SZ; REC15E-2412DZ;